

ABSTRACT OF THE DISCLOSURE

A sorting and conveying line provided at an X-ray film cutting and collection operation includes a defective sheet gate, a collection gate and a sample gate for sorting X-ray film sheets, which have been cut to a predetermined size at a cutting section, while the X-ray film sheets are conveyed. Film detection sensors are disposed at entrance and exit sides of each of the defective sheet gate, the collection gate and the sample gate, and each film detection sensor detects the X-ray film sheet at times when the X-ray film sheet should be conveyed and sorted. Based on the results of detection, a determination is made as to whether or not there is any failure in control on a number of produced X-ray film sheets, and the like, as well as conveyance and sorting operations. This allows smooth and quick handling in the event of a failure.